

On page 8, after line 5, insert the following paragraphs and headings:

-- For a full understanding of the present invention, reference should now be made to the following detailed description of the preferred embodiments of the invention as illustrated in the accompanying drawings.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a block diagram of a circuit for determining the temperature behavior of a diode.

Fig. 2 is a current vs. forward voltage characteristic of a diode.

Fig. 3 is an equivalent circuit for a diode.

Fig. 4 is a current vs. voltage diagram for a stabilized diode showing lines of constant light output

Fig. 5 is a current vs. voltage diagram for a diode subject to temperature effects, with lines of constant light output.

Fig. 6 is a current vs. voltage diagram for a diode showing the influence of a small parasitic series resistance.

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Fig. 7 is a current vs. voltage diagram for a diode showing the influence of a large parasitic series resistance.

Fig. 8 is a current vs. voltage diagram for a diode having a series resistor with a positive temperature coefficient.

Fig. 9 is a current vs. voltage diagram for a diode having a series resistor with a negative temperature coefficient.

Figs. 10 - 15 are circuit diagrams which illustrate specific applications of the method according to the present invention.

Fig. 16 is a diagram of light output power vs. time for a diode with different series resistance.

#### DESCRIPTION OF THE PREFERRED EMBODIMENT

The preferred embodiment of the present invention will now be described with reference to Figs. 1-16 of the drawings. --.

On page 32, line 14, delete "recommended" and insert -- present -- and after the last line, insert the following paragraph: